

DRAFT – DO NOT CITE OR QUOTE

**2001 COMPOSITE WOOD  
SURVEY PACKAGE**

**PROPOSED DUE DATE: JANUARY 1, 2002**

RELEASE DATE - 9/24/01

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Section 91000 to 91100  
(The Air Resources Board's authority to collect  
information and the handling of confidential information)
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**IF YOUR PACKET IS MISSING ANY ITEMS LISTED ABOVE, PLEASE CALL:**

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**INSTRUCTIONS FOR COMPLETING THE  
2001 COMPOSITE WOOD SURVEY**

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The Air Resources Board's (ARB) Composite Wood Survey is intended to collect information about engineered wood products, such as plywood, fiberboard, particleboard, strandboard, etc., and the resins that are used in manufacturing these products in California. **You must complete this survey if you are a manufacturer of these products.**

If the composite wood manufacturer is not directly involved with the resin formulation of these products, they must identify the designated resin manufacturer who will provide the information necessary to complete the survey on their behalf. **The composite wood manufacturer is solely responsible for ensuring that the survey is completed and submitted, to the ARB.**

This survey consists of the following questionnaire forms and three attachments:

Company and Product Forms

I: Company Information

II: Product Information

III: Resin Information (Resin Formulator Form)

IV: Process Research and Development

Confidential Information Submittal Form

Attachment A: Definitions

Attachment B: List of Toxic Air Contaminants

Attachment C: Title 17, California Code of Regulations, Section 91000 to 91100  
(The Air Resources Board's authority to collect information and  
the handling of confidential information)

Please read the instructions before completing this survey.

**DRAFT – DO NOT CITE OR QUOTE**  
**FORM 1**  
**Company Information – Reporting Year 2000**

Company Name:		Web Site:	
Division:			
Address:			
City:	State:	Zip:	
Contact Person:		Title:	
Phone:	FAX:	Email:	
<b>INDEPENDENT OWNERSHIP</b>  Is your company independently owned?    (Yes / No)  If No, please provide parent company information below.  <b>Parent Company Name:</b>  Address:  City: State: Zip: Contact Person: Phone #:		<b>Company – Gross Annual Receipts (\$)</b> <i>For Calendar Year 2000</i> <input type="checkbox"/> Less than 500,000 <input type="checkbox"/> Between 500,000 and < 1 million <input type="checkbox"/> Between 1 and < 2 million <input type="checkbox"/> Between 2 and < 5 million <input type="checkbox"/> Between 5 and < 10 million <input type="checkbox"/> Between 10 and < 100 million <input type="checkbox"/> Greater than or equal to 100 million	
<b>From the list provided below, please check the wood products manufactured at your facility.</b>  <input type="checkbox"/> Fiberboard <input type="checkbox"/> Hardboard <input type="checkbox"/> Hardwood plywood <input type="checkbox"/> Hardwood veneer <input type="checkbox"/> Laminated veneer lumber <input type="checkbox"/> Medium density fiberboard <input type="checkbox"/> Oriented strandboard <input type="checkbox"/> Particleboard <input type="checkbox"/> Softwood plywood <input type="checkbox"/> Softwood veneer <input type="checkbox"/> Wood I-joist <input type="checkbox"/> Other (please specify): _____  Note: See attachment for definitions.		<b>Company – California Only Gross Annual Receipts (\$)</b> <i>For Calendar Year 2000</i> <input type="checkbox"/> Less than 500,000 <input type="checkbox"/> Between 500,000 and < 1 million <input type="checkbox"/> Between 1 and < 2 million <input type="checkbox"/> Between 2 and < 5 million  <input type="checkbox"/> Between 5 and < 10 million <input type="checkbox"/> Between 10 and < 100 million <input type="checkbox"/> Greater than or equal to 100 million	
		<b>Company Marketing Classification</b> (check all that apply) <input type="checkbox"/> International <input type="checkbox"/> National <input type="checkbox"/> Regional (e.g., western U.S.): <input type="checkbox"/> California Statewide <input type="checkbox"/> California Regional (e.g. Bay Area, Southern CA)	

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**FORM 2**  
**Product Information – Reporting Year 2000**

**Manufacturer:** \_\_\_\_\_

Product # \_\_\_\_\_

**Product Description (i.e. ¾" particle board):** \_\_\_\_\_

**Trade Name of Product (if applicable):** \_\_\_\_\_

**Total Annual Production (sq. feet):** \_\_\_\_\_

**Total Produced in CA (sq. feet):** \_\_\_\_\_

**If California manufacturer, what percent of total product do you export?** \_\_\_\_\_

**"Typical" Cost per Linear Foot:** \_\_\_\_\_

**Resin Manufacturer:** \_\_\_\_\_ **Resin Name:** \_\_\_\_\_

**Annual Resin Use for the Product:** \_\_\_\_\_

Product # \_\_\_\_\_

**Product Description (i.e. ¾" particle board):** \_\_\_\_\_

**Trade Name of Product (if applicable):** \_\_\_\_\_

**Total Annual Production (sq. feet):** \_\_\_\_\_

**Total Produced in CA (sq. feet):** \_\_\_\_\_

**If California manufacturer, what percent of total product do you export?** \_\_\_\_\_

**"Typical" Cost per Linear Foot:** \_\_\_\_\_

**Resin Manufacturer:** \_\_\_\_\_ **Resin Name:** \_\_\_\_\_

**Annual Resin Use for the Product:** \_\_\_\_\_

**Confidential:** Yes or No

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**FORM 3**  
**Resin/Adhesive**

**Manufacturer:** \_\_\_\_\_

**Resin Name:** \_\_\_\_\_

**Resin Density (lbs/gal):** \_\_\_\_\_

**Resin VOC Specification**

<b>Ingredient Name</b>	<b>CAS#</b>	<b>TAC</b>	<b>Wt %</b>
1)			
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			
Total VOC ingredients each less than 0.1% by weight of the product.			

**Other Organic/Inorganic Compounds**

<b>Ingredient Name</b>	<b>TAC</b>	<b>Wt %</b>

**(A) Total VOC Content**

**(B) Total Other Organic/Inorganic**

**Resin LVP-VOC Solvent Speciation**

<b>Ingredient Name</b>	<b>CAS#</b>	<b>TAC</b>	<b>Wt %</b>
1)			
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			
Total VOC ingredients each less than 0.1% by weight of the product.			

**Other LVP-VOC**

<b>Ingredient Name</b>	<b>Wt %</b>

**(D) Total Other LVP-VOC**

**(C) Total LVP-VOC Content**

**Total of A, B, C and D (MUST EQUAL 100 %)**

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**FORM 4**  
**Processes/Research and Development**

1. For each type of wood product (plywood, particleboard, etc.) manufactured at your facility, please describe the manufacturing process. You may include a block flow diagram to simplify your process description.

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2. What research and development efforts do you have regarding alternative processes or resins that reduce formaldehyde and other volatile organic compound (VOC) emissions from your *finished product*?

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3. Do you have information regarding emission rates (of any pollutant) from your finished product? If so, please explain.

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4. Comments:

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